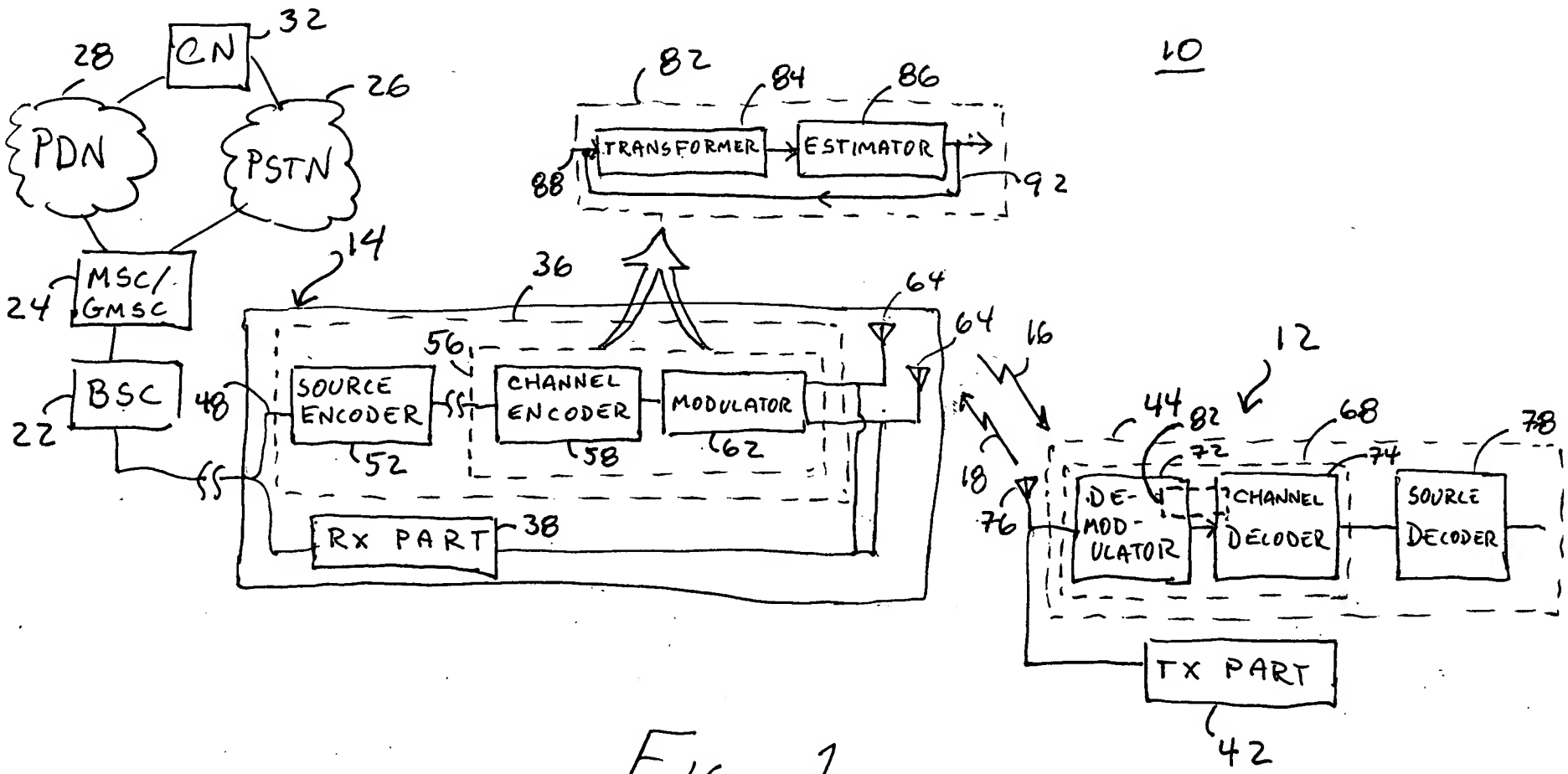
10
CN
32
28
26
PDN
PSTN
MSC/
GMSC
24
14
BSC
22
48
SOURCE
ENCODER
52
56
CHANNEL
ENCODER
58
MODULATOR
62
36
64
64
16
12
Rx PART
38
82
84
86
TRANSFORMER
ESTIMATOR
88
92
18
76
44
82
72
DE-
MOD-
ULATOR
68
CHANNEL
DECODER
74
78
SOURCE
DECODER
TX PART
42

FIG. 1

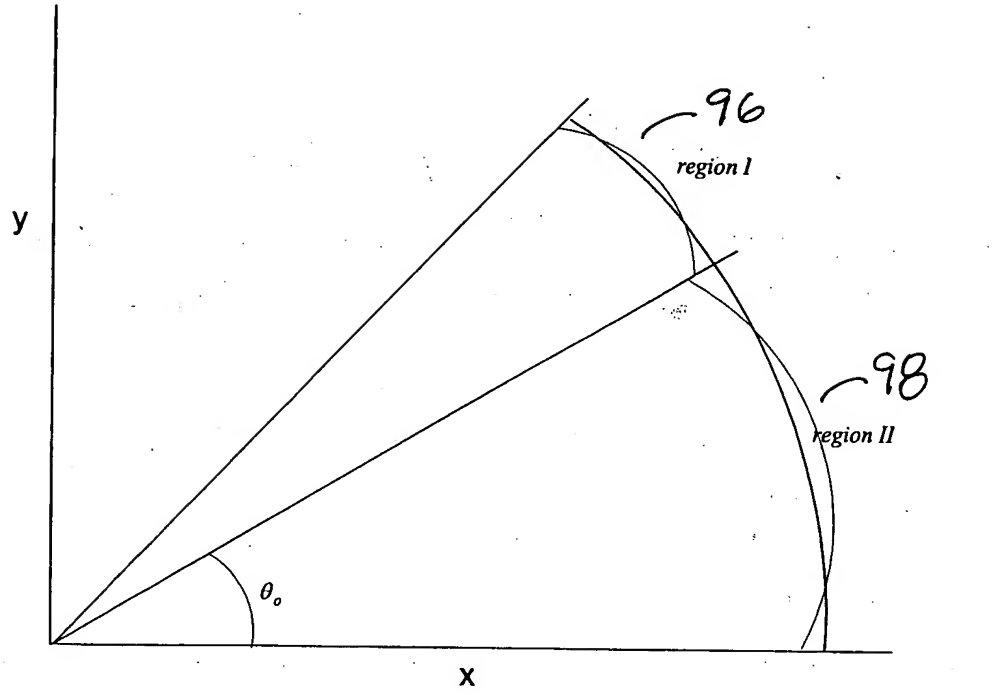
96
region I
98
region II
y
x
θ_o

FIG. 2

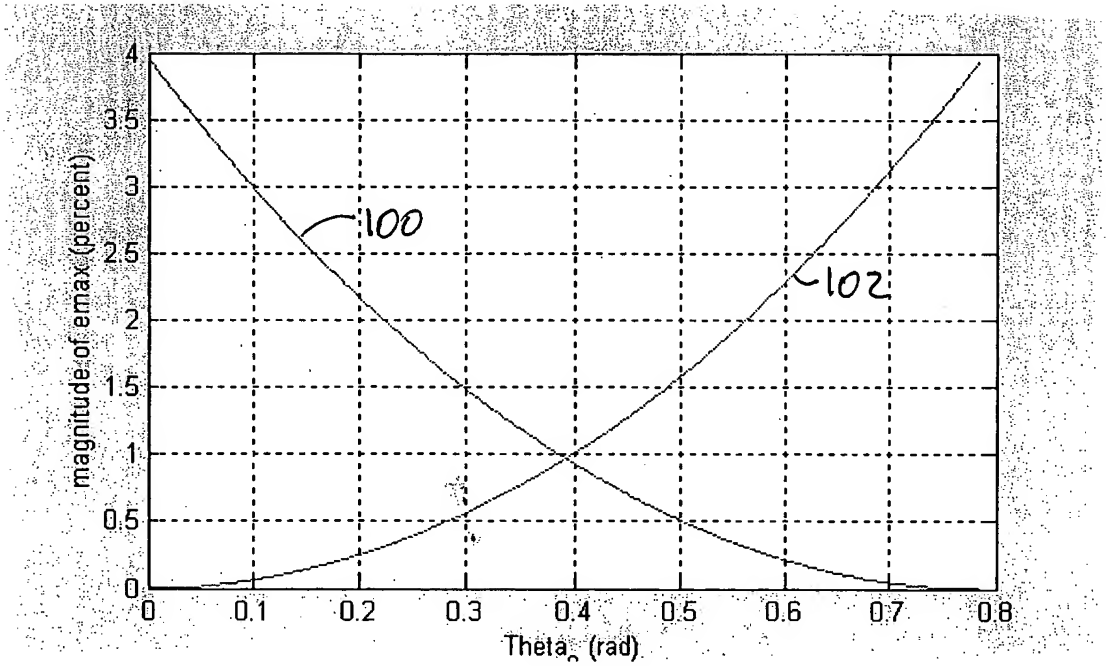
100
102
magnitude of emax (percent)
Theta$_o$ (rad)
0
0.5
1
1.5
2
2.5
3
3.5
4
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8

FIG. 3

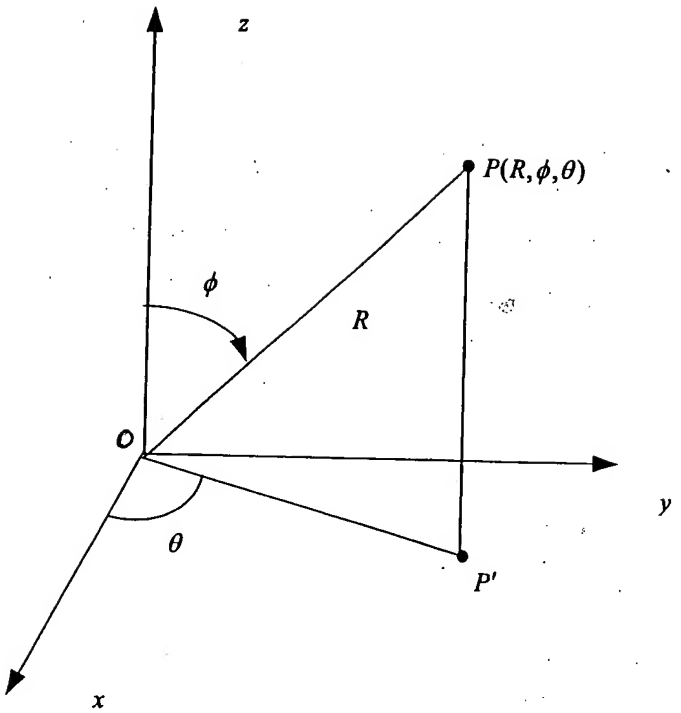

FIG. 4

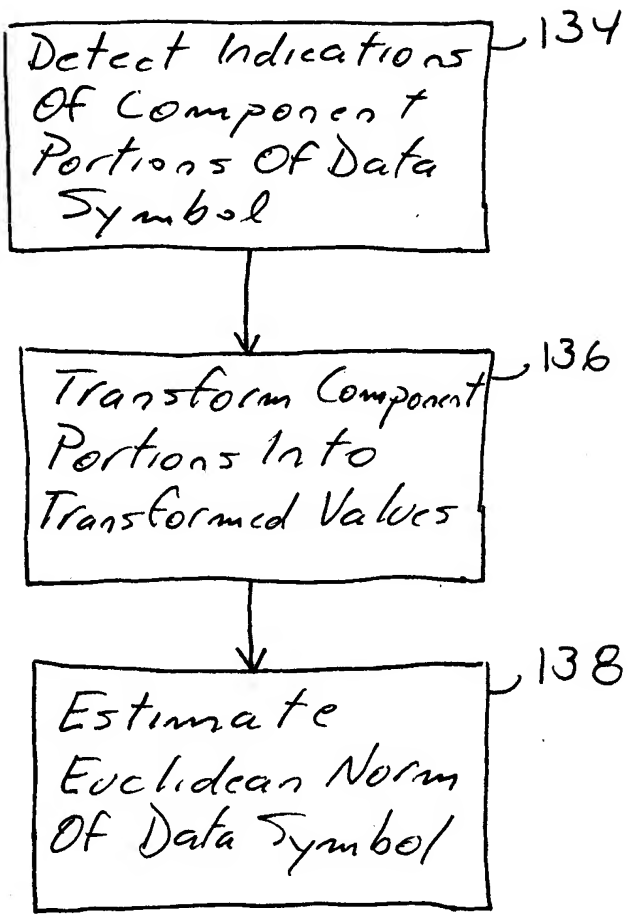
132
Detect Indications Of Component Portions Of Data Symbol
134
Transform Component Portions Into Transformed Values
136
Estimate Euclidean Norm Of Data Symbol
138

FIG. 5